### RECEIVED

JAN 2 1 2011

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

(2-16)AKG 31 5003

PERMIT NUMBER

015 DISHCARGE NUMBER DMR Mailing Zip Code: 99611

MAJOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

DEC Division of Water Quality Wastewater Discharge Program ADDRESS: 52260 WIK RD KENAL AK 99611

FACILITY: EAST FORELAND

ATTN: Ryan Tunseth, EHS&T Coordinator

MONITORING PERIOD

LOCATION: 52260 WIK ROAD, KENAI AK 99611

YEAR MONTH DAY FROM 2010 12 (20-21) (22-23)(24-25)

то	YEAR	MONTH	DAY
	2010	12	31
	(26-27)	(28-29)	(30-31)

No Discharge

		i goviniii	OR LOADIN	IG (46-	QUALI	TY OR CON	CENTRATIO	ON	NO EX.	FREQUENCY	SAMPLE TYPE (69-70)
		53) (54-61)			(38-45)	(46-53)	(54-61)			OF ANALYSIS	57 am 22 111 2 (09-70)
<u> </u>		Average	Maximum	Units	Minimum	Average	Maximum	Units	(62-63)	(64-68)	
FLOW	Sample Measurement	0.179602703	0.204666	MCD	***	***	***		0	Weekly	Estimate
	Permin Requirement			MGD		<u></u>		***		Weekly	1 Estimate
	Measurement	***	***	±++	No discharge	No discharge	No discharge	444	0	***	***
	Requirement				Now and discharge	Noise en discretoes	No.				
	Measurement	***	***	***	***	8.675	10		0	Weekly	Grab
	Requirement		-			20	22	mg/i 		Weekly	Слар
	Measurement	***	***	***	6.4	***	7.26	611	0	Weekly	Grab
	Requirement				6		9	50		Veekty	Grabii
	Measurement	***	***	***	***	14.09	14.09		0	Monthly	Grab
	Requirement					2	ź	mg/i		Monthly	a figura i f
;	Measurement	***	***	***	***	14.205	14.205		0	Monthly	Grab
	Requirement	Ŧ				Report	Report	mg/i		Monthly	enting sales and Grab III
	' 1	***	***	***	5.1	5.1	5.1		0	Quarterly	Grab
	Permit Requirement				Report	#	Report	mg/i		Quarterly	Grab (F.
1 000						A STATE OF THE STA	man and a second		Tele	enhone	Date (YR/MO/DAY)
evaluate the information or those persons driectly of my knowledge and bel	e with a system desig submitted. Based on responsible for gathe ief is true, accurate, a	gned to assure that omy inquiry of the per ering the information and complete. I am a	qualified person rson or persons , the information ware that there	nnel properly ; who manage n submitted is a are significa	gather and the system, s, to the best	Raf	Signature	_			1/19/2011
	I certify under penalty of supervision in accordanc evaluate the information or those persons driectly of my knowledge and bel for submitting false inform	Measurement Permitt Requirement Sample Measurement Permitt Requirement Requirement Sample Measurement Permitt Requirement Requirement Requirement Sample Measurement Permitt Requirement Requiremen	Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Requirement Requirement Requirement Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Sample Measurement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Requirement Requirement Sample Measurement Permit Requirement Requiremen	Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Requirement Requirement Requirement Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Requirement Requirement Requirement Sample Measurement Permit Requirement Requirement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Requirement Sample Measurement Requirement Requirement Requirement Requirement I certify under penalty of law that this document and all attachments were prepare supervision in accordance with a system designed to assure that qualified persor evaluate the information submitted. Based on my inquiry of the person or persons or those persons driectly responsible for gathering the information, the informatio of my knowledge and belief is true, accurate, and complete. I am aware that there for submitting false information, including the possibility of fine and imprisonment	Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Sample Measurement Permit Requirement Sample Measurement S	Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Permit Requirement Sample Measurement Sample Measurement Permit Requirement Sample Measurement P	Measurement Permit Requirement Sample Measurement Permit Requirement Requirement Sample Measurement Requirement Sample Measurement Permit Requirement Sample Measurement Requirement R	Measurement  Sample Measurement  Permit Requirement  Sample Measurement  Requirement  Sample Measurement  Permit Requirement  Sample Measurement  Requirement  Sample Measurement  Permit Requirement  Sample Measurement  Sample Measurement  Permit Requirement  Sample Measurement  Sample  Sample Measurement  Sample  Sample  Measurement  Sample  Sample  Measurement  Sample  Sample  Measurement  Sample  Sample  Sample  Sample  Measurement  Sample  Sample	Measurement Permit Requirement Sample Measurement Permit Requirement Requireme	Measurement  Measurement  Sample Measurement  Requirement  Sample Measurement  Meas	Measurement D.179602703 0.204666 MGD  Requirement Requ

Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2010 sample results are shown.

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME: XTO ENERGY, INC ADDRESS: 52260 WIK RD

KENAI, AK 99611

FACILITY: EAST FORELAND

ATTN: Rvan Tunseth, EHS&T Coordinator

LOCATION: 52260 WIK ROAD, KENAI AK 99611

(2-16) (17-19) AKG 31 5003 015

1 -7	()	
AKG 31 5003	015	
PERMIT NUMBER	DISHCARGE NUMBER	

DMR Mailing Zip Code: 99611

MAJOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

#### MONITORING PERIOD

	YEAR	MONTH (	DAY
FROM	2010	12	1
	(20.21)	/22 231	(24.25)

	YEAR	MONTH	DAY		
то	2010	12	31		
	(26-27)	(28-29)	(30-31)		

		_
KI.	Discharge	- 1
וערו	Luschame	- 1

PARAMETE	R		QUANTITY	OR LOADI	NG (46-	1	TY OR CON		ON	NO EX.	FREQUENCY	SAMPLE TYPE (69-70)
			53) (54-61) Average	Maximum	Units	(38-45) Minimum	(46-53) Average	(54-61) Maximum	Units	1	OF ANALYSIS	
(32-37) 015 - Produced Water		Comple	- Tivelage	Midakiiniditi		TVIII III III III	Morago	Waxiiidiii	Office	(62-63)	(64-68)	W W
COPPER		Sample Measurement	***	***	***	***	7.1	7.1		0	Quarterly	Grab
		Permit Requirement			***		ŝŧ	90	ug/l		Quarterly	rie Grab
015 - Produced Water MERCURY	-	Sample Measurement	***	***		***	0.00	0		0	Quarterly	Grab
		Permit Requirements			***		9.5	0.8	ug/l		-Quarienty	Grab 1
015 - Produced Water MANGANESE		Sample Measurement	***	***	***	+++	1.99	1.99	лл	0	Quarterly	Grab
		Permitti Militari Reguirement			***		7.9	158	mg/l		Quarterly	Grab 1
015 - Produced Water SILVER		Sample Measurement	***	***	***	***	5.20	5.2	_	0	Quarterly	Grab
		Permits Legarente Requirements			***		<b>76</b>	149	ug/i		Guarteny a	Gab - Francisco
015 - Produced Water ZINC		Sample Measurement	***	***	***	***	0.0902	0.0902		0	Quarterly	Grab
		Permittili illing			***			© 1	mg/l		Quarterry	Gab t
015 - Produced Water WET - <i>Mytilus galloprovincia</i>	lis (invertibrate)	Sample Measurement	***	***	***	***	< 625	< 625		0	Semi Annual	Grab
(		Permiti i i i i i i i i i i i i i i i i i i			***		i208	Ž425	TUc		Semi Annual	Gabi
NAME TITLE PRINCIPAL EXECUTIVE OFFICER				\$-44cmm150.180.00450-004		and more discussionable	HISTORIAN PROPERTY.	inourses menus		Tel	ephone	Date (YR/MO/DAY)
Ryan Tunseth HSE&T Coordinator	I certify under penalty of law that this document and all attachments were prepared under my dissupervision in accordance with a system designed to assure that qualified personnel property grevaluate the information submitted. Based on my inquiry of the person or persons who manage or those persons driectly responsible for gathering the information, the information submitted is, of my knowledge and betief is true, accurate, and complete. I am aware that there are significant for submitting false information, including the possibility of fine and imprisonment for knowing vi						11/2 - 12/4			907 776-2510		1/19/2011

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 2nd Period 2010 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2010 sample results are shown.

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KENAI, AK 99611

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FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

(2-16) (17-19)

AKG 31 5003 015

PERMIT NUMBER DISHCARGE NUMBER

DMR Mailing Zip Code: 99611 MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

#### MONITORING PERIOD

FROM	YEAR	MONTH	DAY	
	2010	12	1	
	/00.041	/00 00l	(0.4.05)	

то	YEAR	MONTH	DAY
	2010	12	31
	(26-27)	(28-29)	(30-31)

No Discharge

PARAMETE	R		QUANTITY	OR LOADIN	IG (46-		Y OR CON		ON	NO EX.	FREQUENCY	SAMPLE TYPE	(69-70)
			53) (54-61)			(38-45)	(46-53)	(54-61)			OF ANALYSIS		
(32-37)			Average	Maximum	Units	Minimum	Average	Maximum	Units	(62-63)	(64-68)		
015 - Produced Water	Sample	77,1207,3740,007	***	***		***	< 625	< 625		0	Semi Annual	Grab	
WET - Menidia beryllina (ve			on and a second		***	PUMER DATE AND AND AND SERVE	- OZO	THE SECOND PROPERTY OF	TUc	PROFESSIONAL PROFE	DESCRIPTION OF THE PROPERTY OF		en markintalis alkumas sysel sõruvi kiis gyehesidal.
	Permit Public Require	ment					1209	2425			Semi Annua	Grab	
015 - Produced Water	Sample		***	***		***	< 625	< 625		0	Semi Annual	Grab	
WET - Echinoderm	Measur				***		~ 020	- UZU	TUc	umsamuna hakaa	Considera vial a prompany siona na Lagora.	CIED	animuse tin be but ill best didner 211 feets
	Pemit Require	ment					1209	2425	. • •		Semi Annuai	Grab	
015 - Produced Water	Sample	4											
	Measur Remit					THE PERSON NAMED IN COLUMN 1							
	Require												
015 - Produced Water	Sample												
	Measur Permit		nionian minimika manaka	MANUSCHIM BRUS		umakamengin		MINITERING THE STATE OF THE STA					
	TERRESH STATE OF THE STATE OF T	<b>的多数和</b>											
015 - Produced Water	Sample												
	Measur Permit							ARSHUZUKINI SENI					
	TV CONTRACTOR OF THE CONTRACTO	SHEEK HOURS											
015 - Produced Water	Sample												
	Measur		deserta in recult month material de se	initeianistatistatistati		nesetsistätäätetteivena	nosiestkietska jilie	unicionali (puintini)		nostina meskina	Parte ai material de la constantia de la c	nationaan aabittiiriikkoonaalian tirkanseelistii suorialista	ingarigisedukekkan
	Permit Require	meni											
015 - Produced Water	Sample		**************************************					A CONTRACTOR OF THE PARTY OF TH					
	Measur	respectate to the second of	alite mie tribili manzo de mario	Carter/Officionity (End-Prince)		JANUSAMESA (MISTROSCIA	NAMES OF THE OWNER,	AMORTHUM COMPACTORISM MICHAEL		ezekatétapatény) nyipéhatotéti	kontrose comese species contest filistis de	indire (in the comment of the contract was described as the lift) which is the contract of the	ittinikasi in iki kin (kerpatungan basila
	Permit Reoure	ment											
NAME TITLE PRINCIPAL	h-land-rate		A STATE OF THE PROPERTY OF THE	and personal residence		Accessor and an arrange (4220)	A CONTRACTOR OF THE PARTY OF TH						
EXECUTIVE OFFICER	I certify under penalty of law that the	is docume	nt and all attachme	nte were nrene	red under my	direction or				Tel	ephone	Date (YR/MO	/DAY)
	supervision in accordance with a s	ystem desig	gned to assure that	qualified perso	onnei properly	gather and		$\mathcal{C}\mathcal{V}$					
Ryan Tunseth	evaluate the information submitted or those persons driectly responsit						77-	All .		907	776-2510	1/19/201	1
HSE&T Coordinator	of my knowledge and belief is true,	accurate,	and complete. I am	aware that the	re are signific	ant penalties	104-24			-			
	for submitting false information, inc							Signature		<u> </u>		<u> </u>	

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